

Prior Art

100

Figure 1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

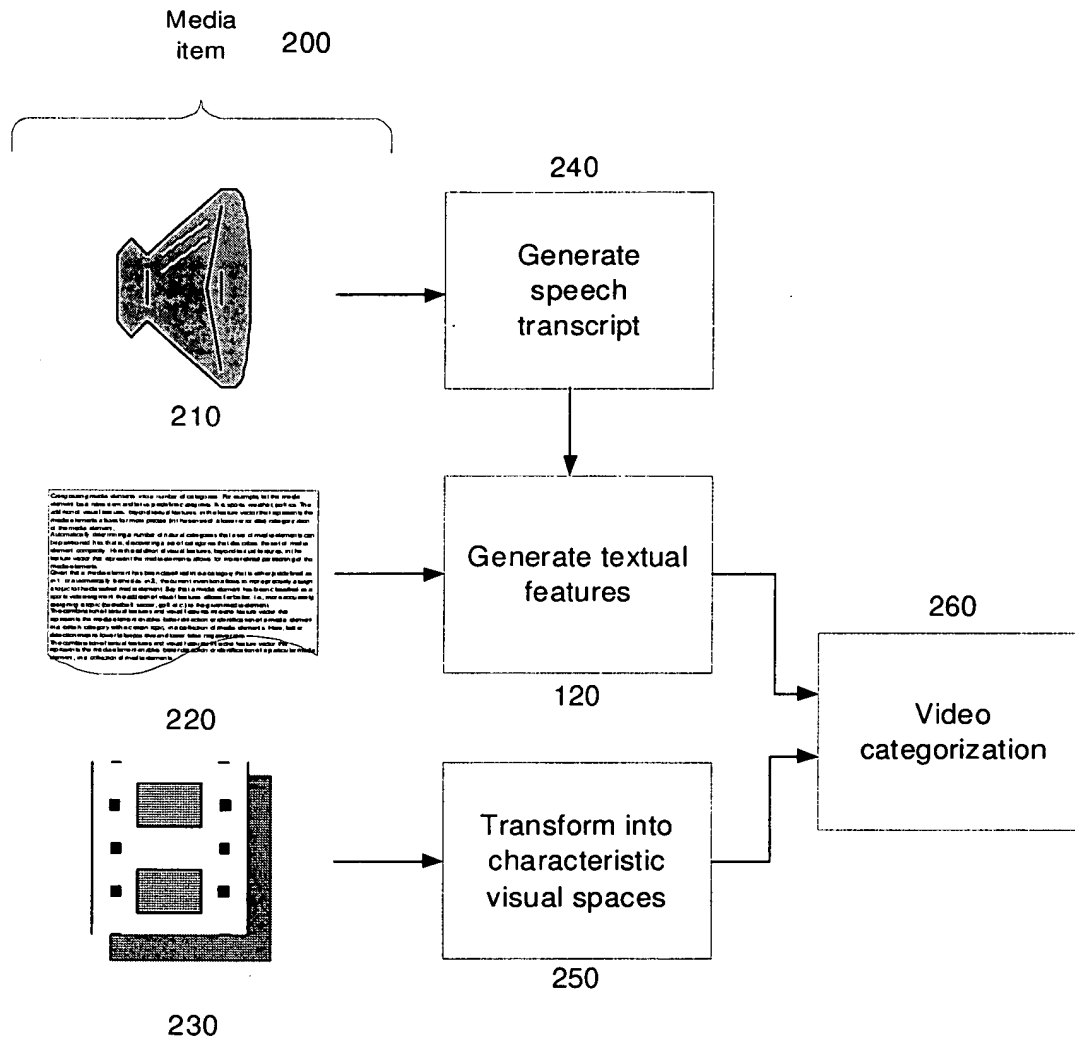


Figure 2

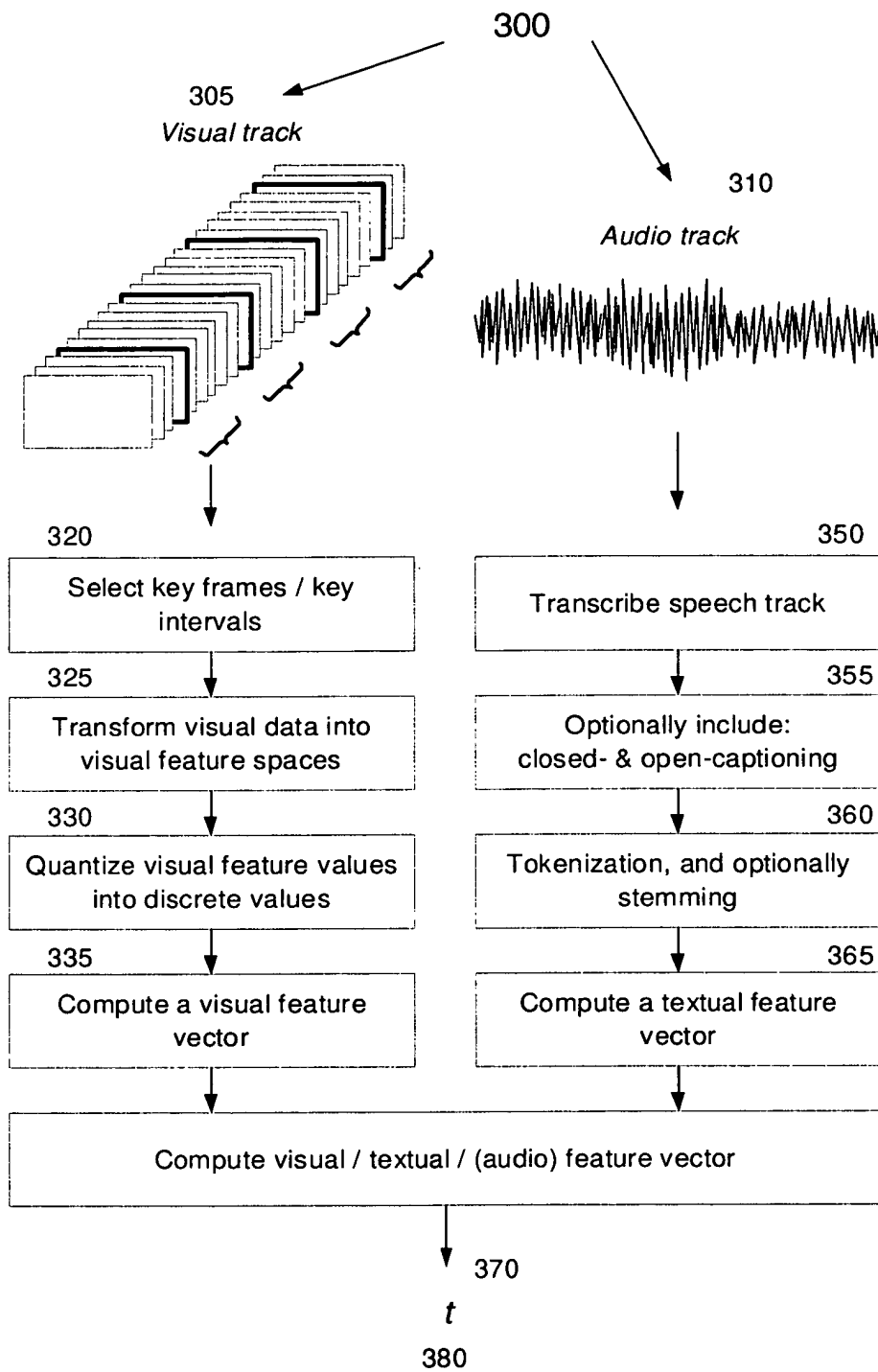


Figure 3

400

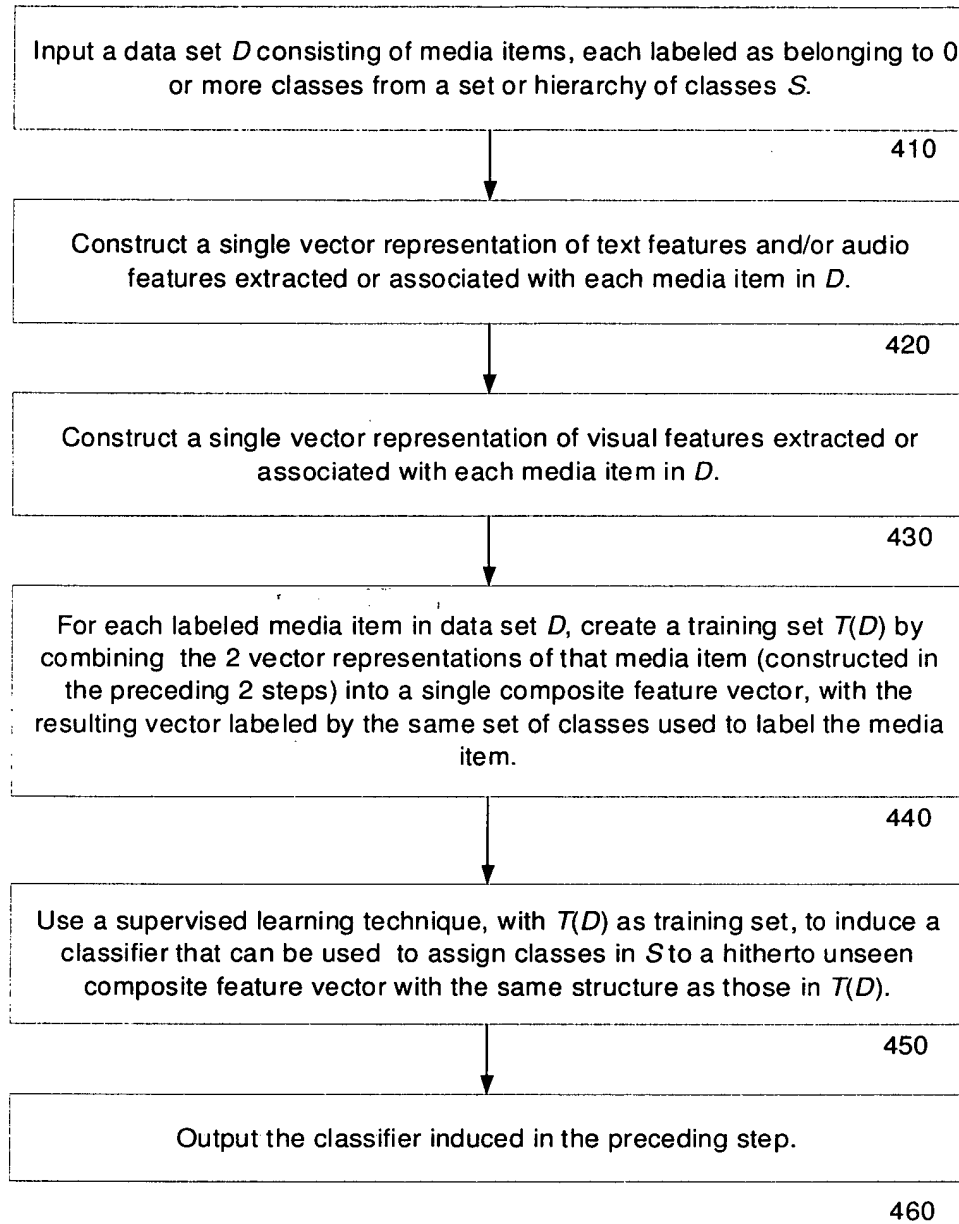


Figure 4

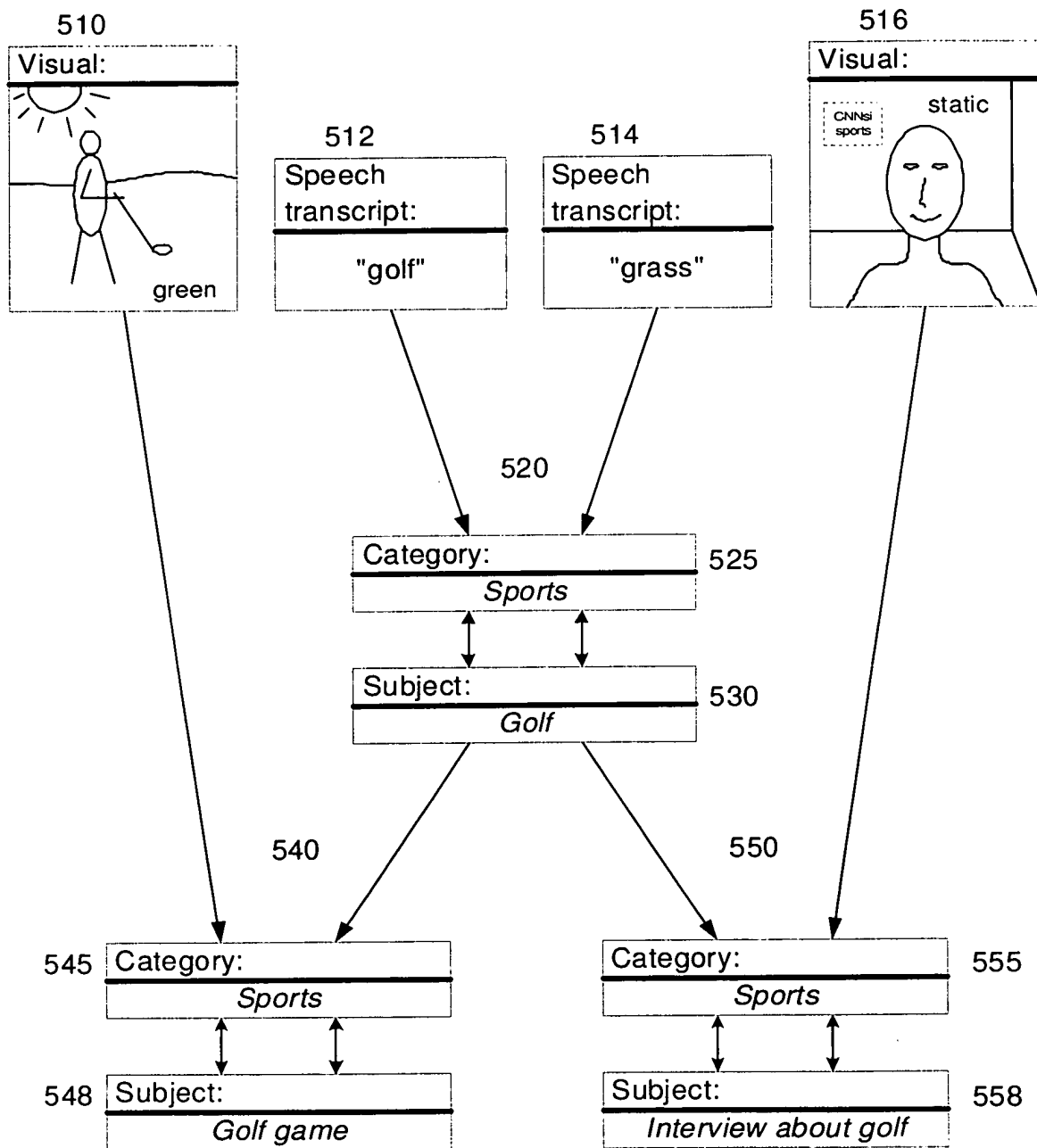
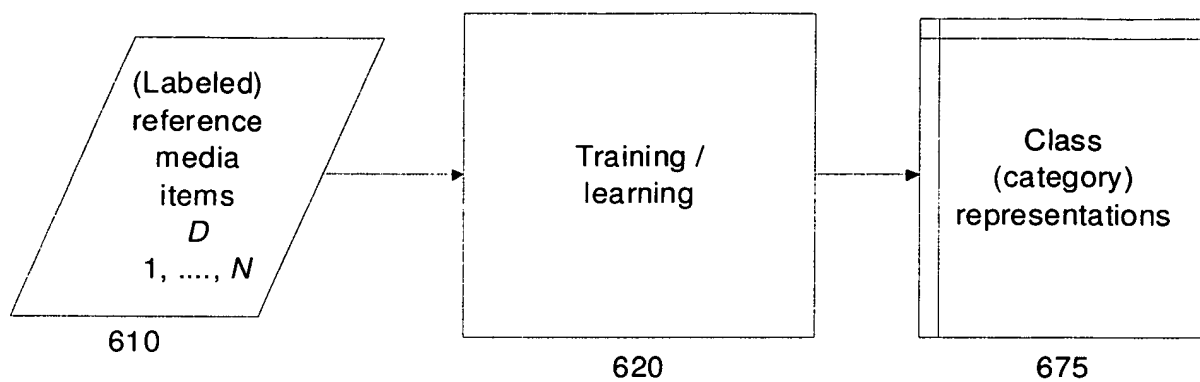
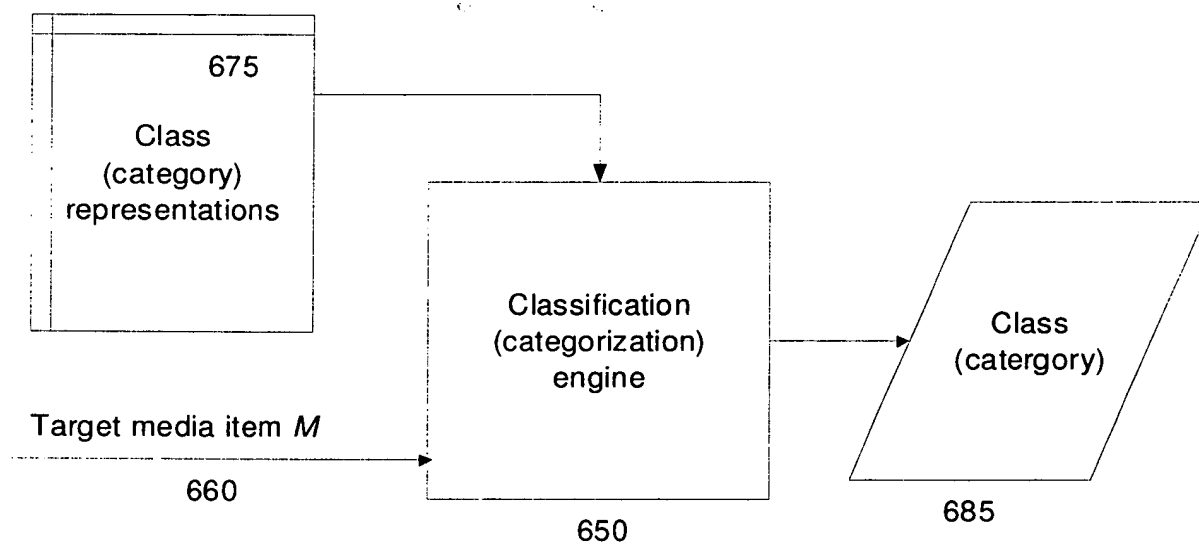


Figure 5



Training / learning phase 610

A



Classification phase 615

B

Figure 6

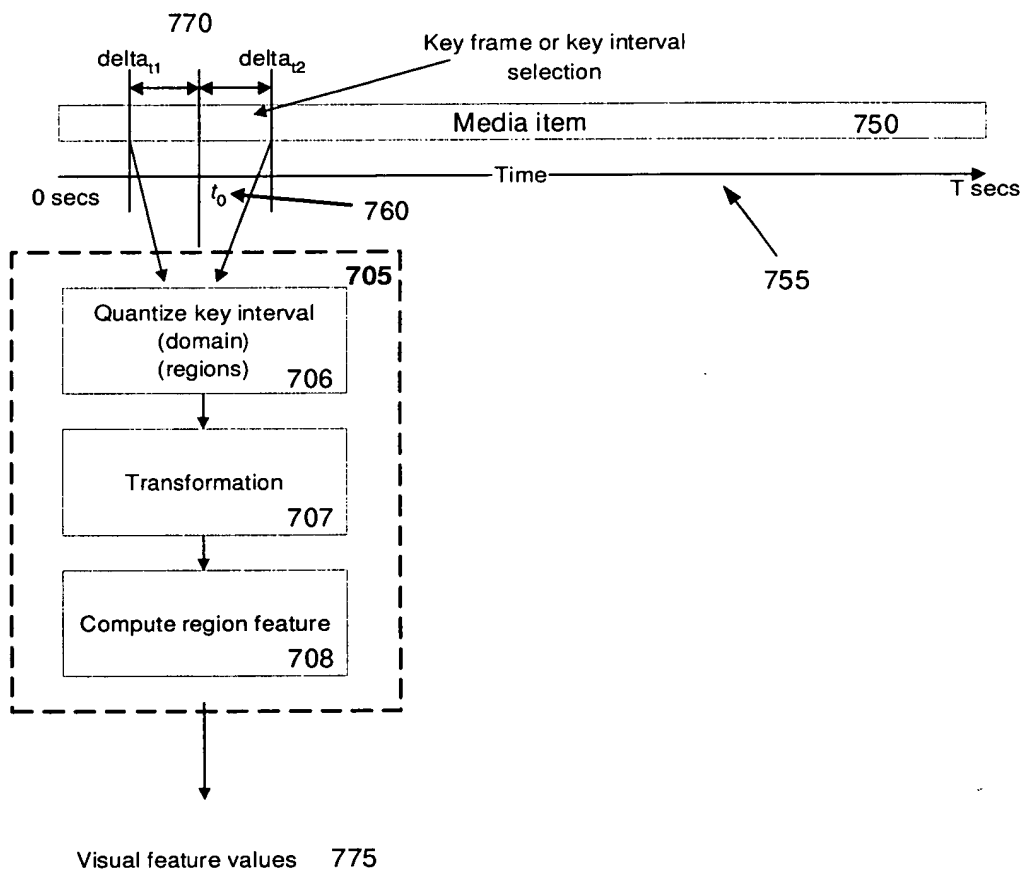


Figure 7A

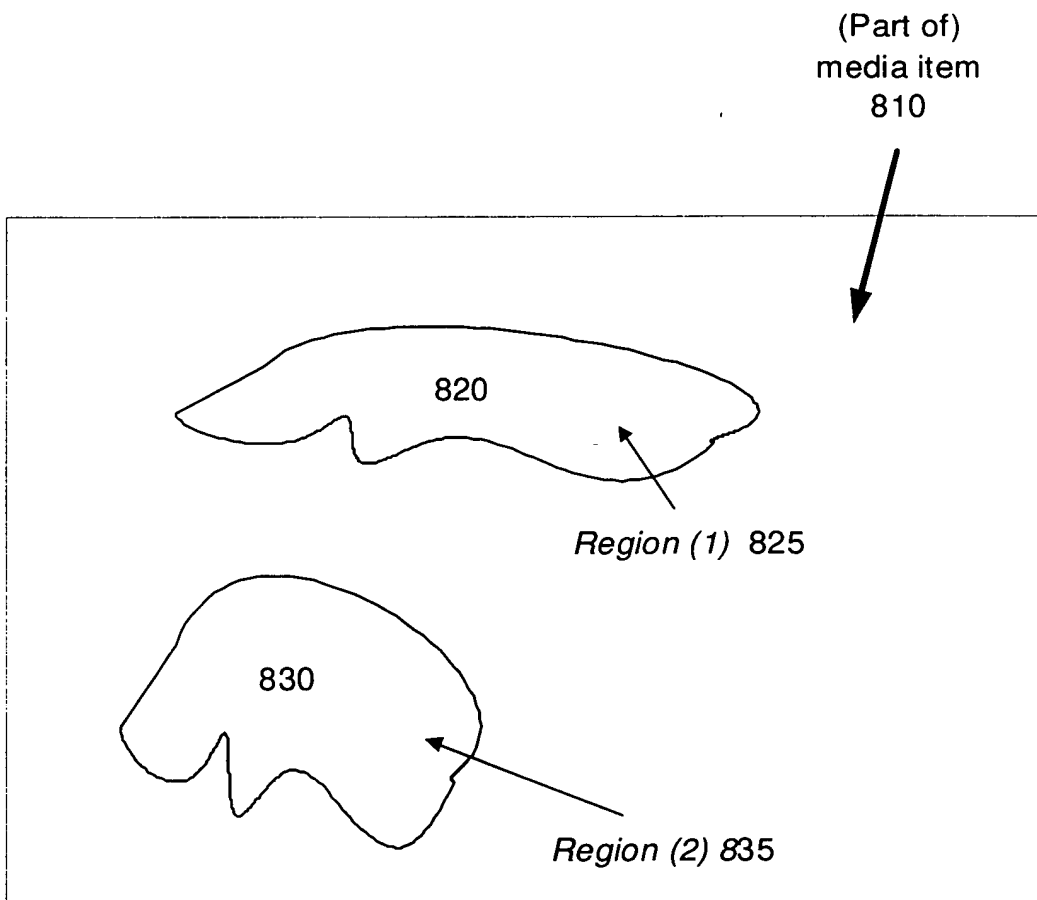


Figure 8

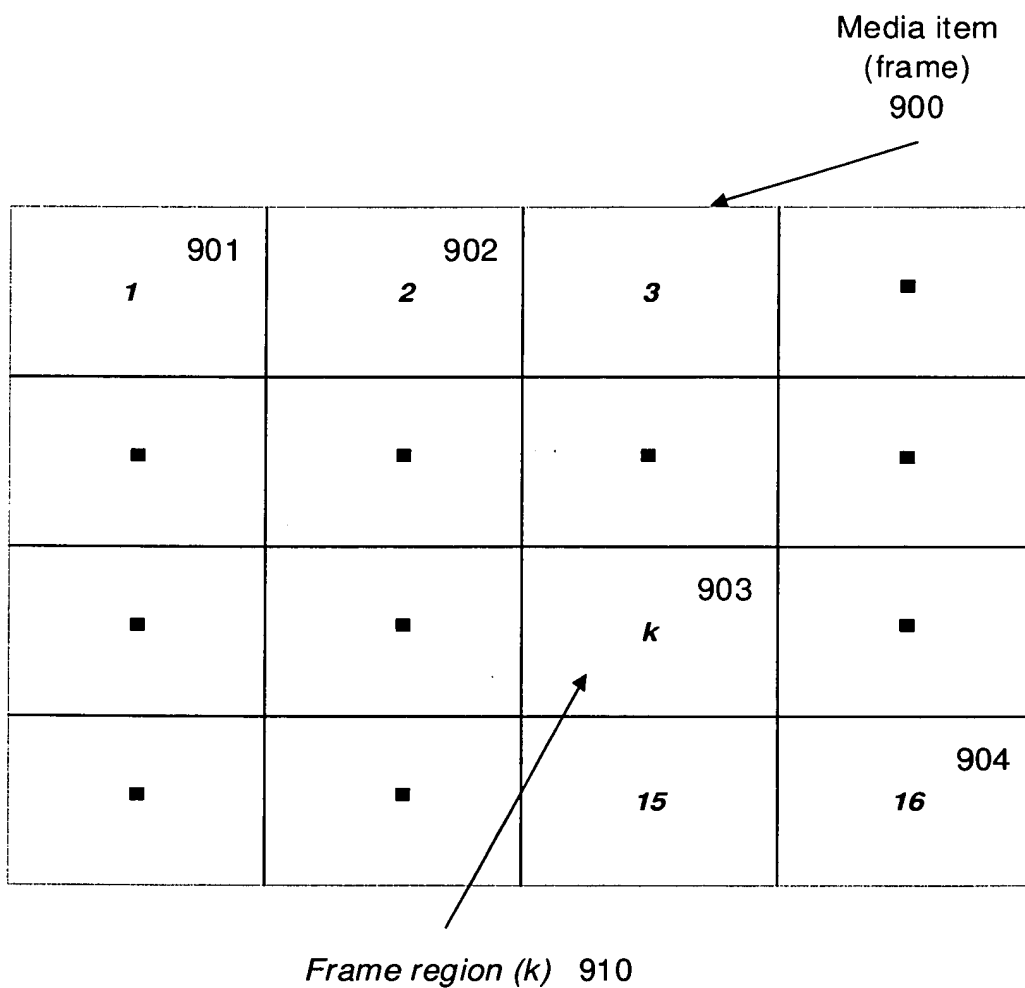


Figure 9

FIG. 9A

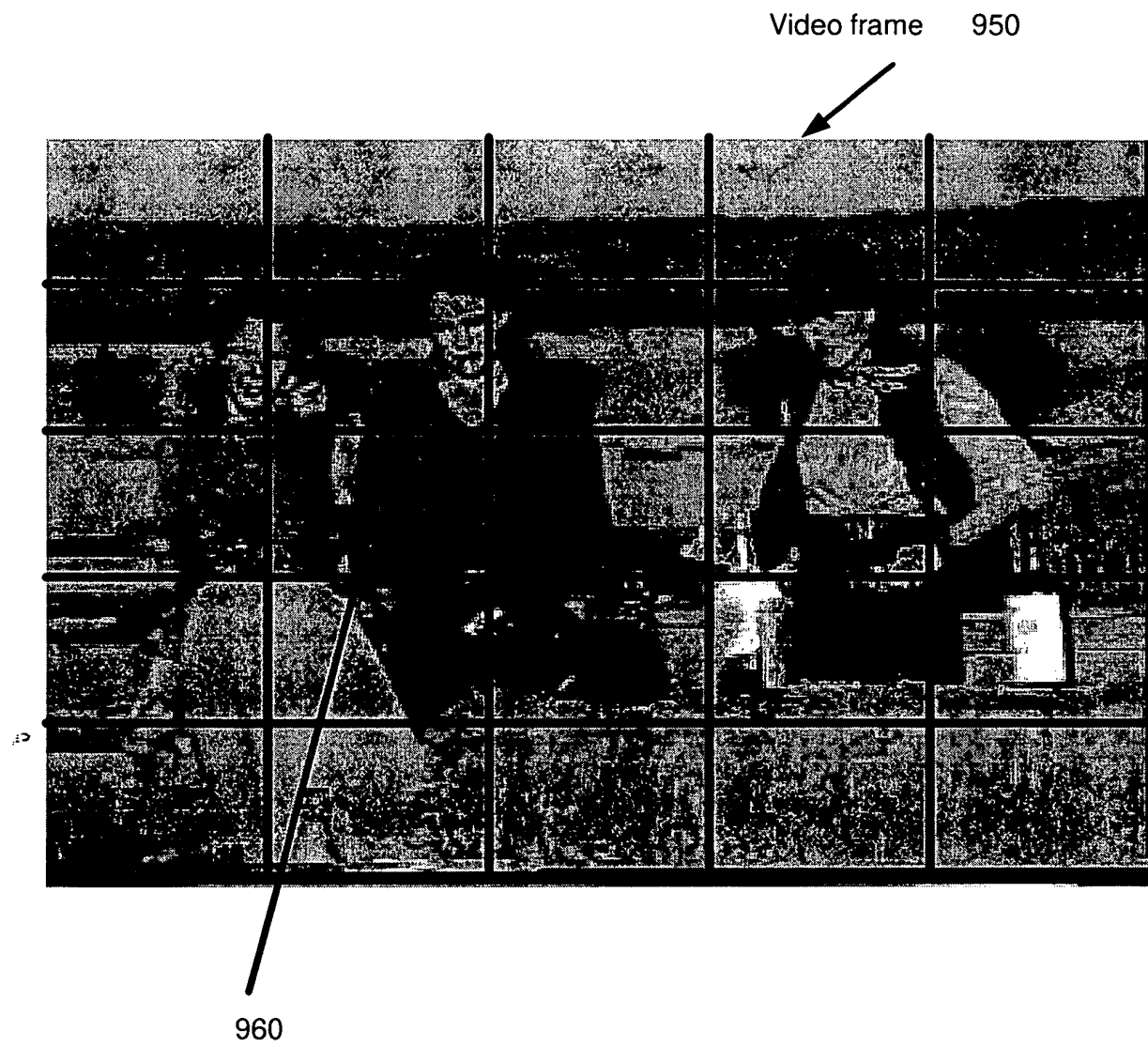


Figure 9A

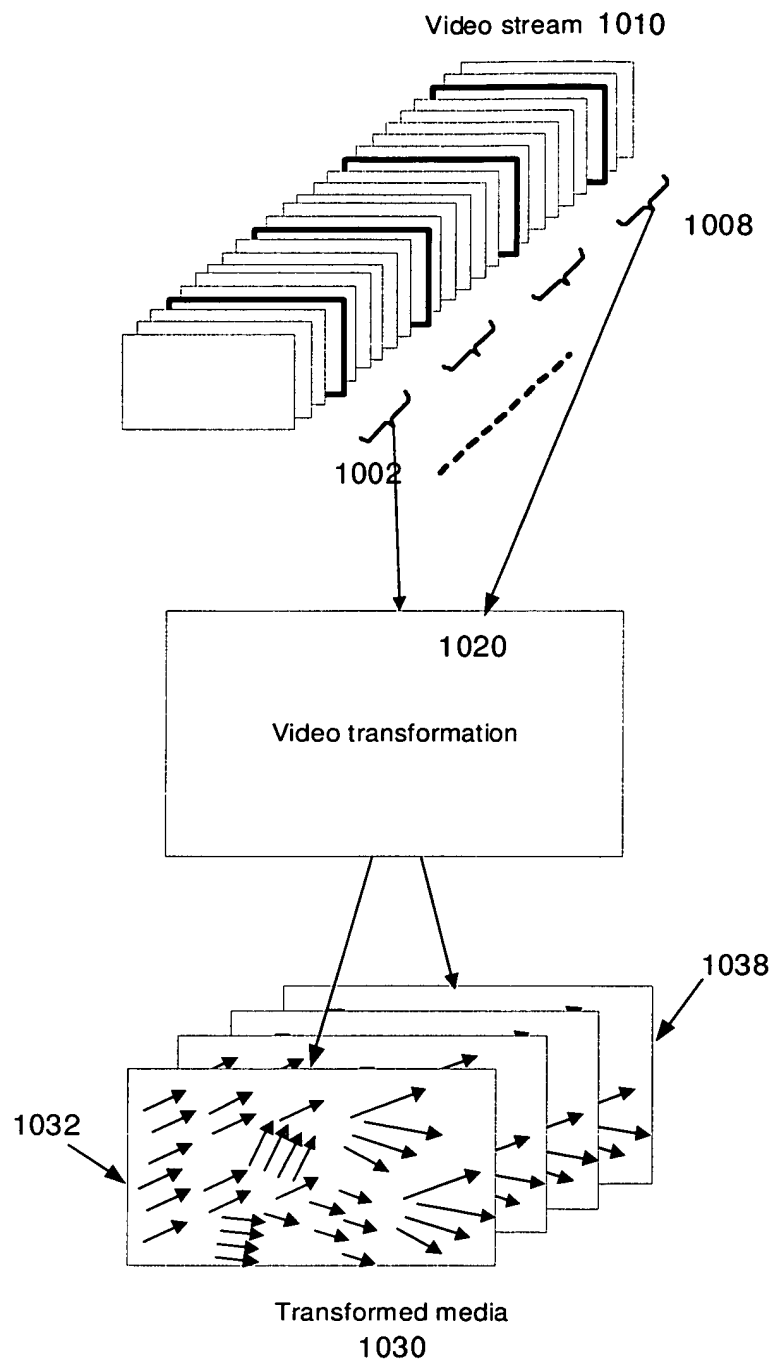


Figure 10

FIG. 11A

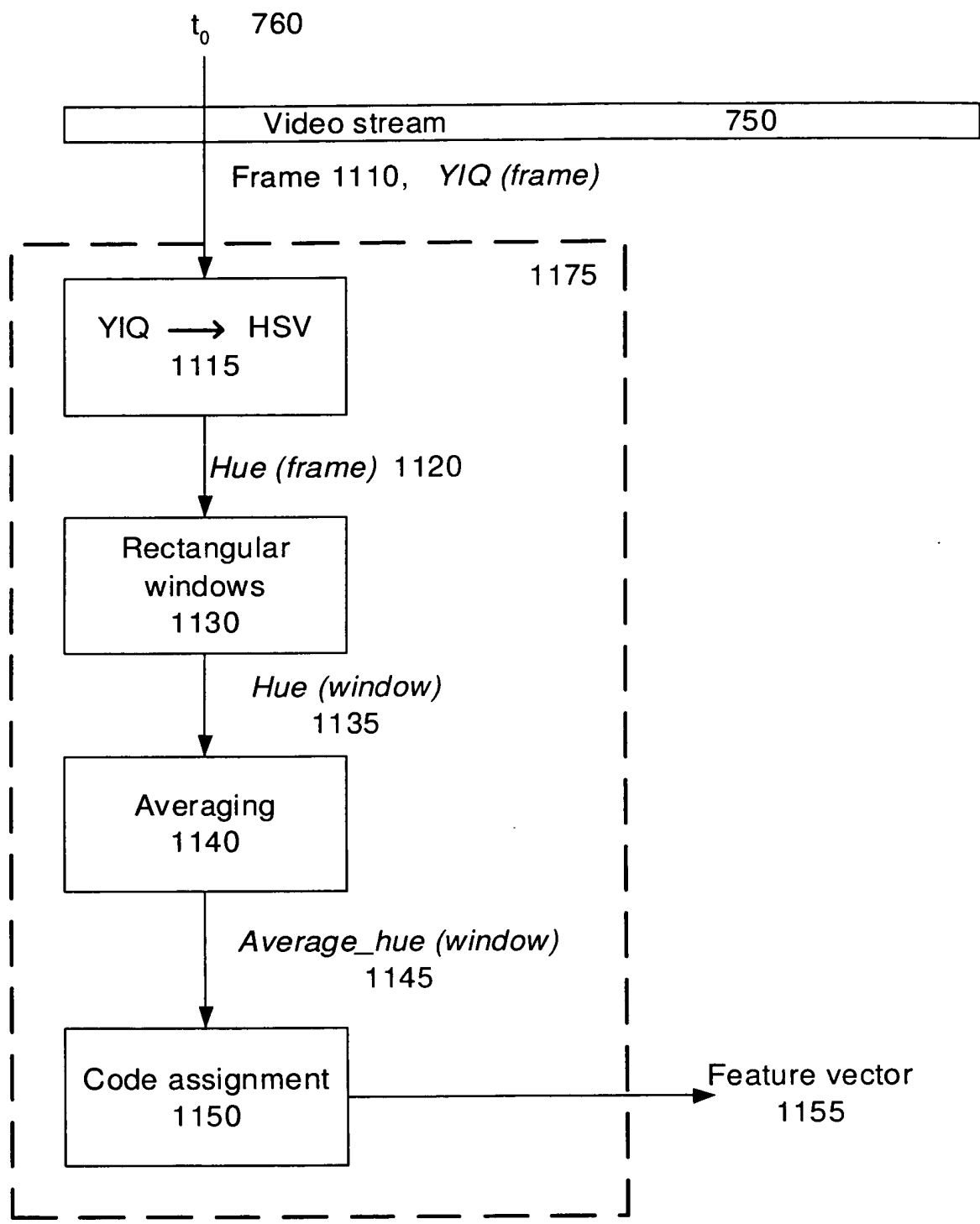
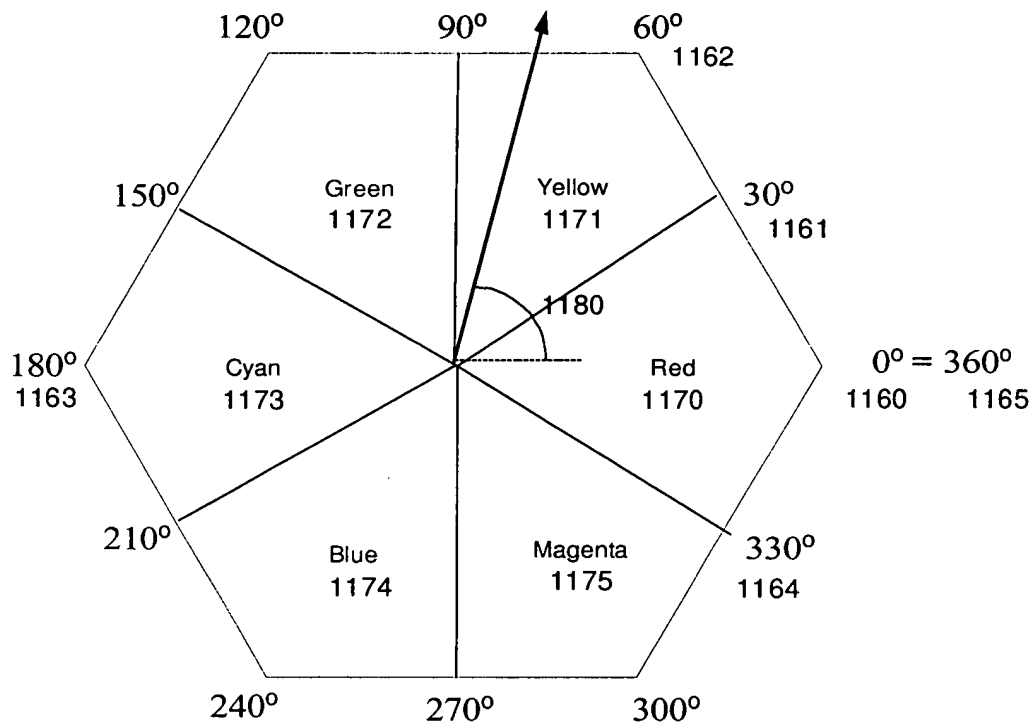


Figure 11A



Hue quantization (1180)

Color range		Code	Color	
330 - 30	degrees	0	Red	(1170)
30 - 90	degrees	1	Yellow	(1171)
90 - 150	degrees	2	Green	(1172)
150 - 210	degrees	3	Cyan	(1173)
210 - 270	degrees	4	Blue	(1174)
270 - 330	degrees	5	Magenta	(1175)

Figure 11B

1200 1210 1220 1230 1240 1250 1260

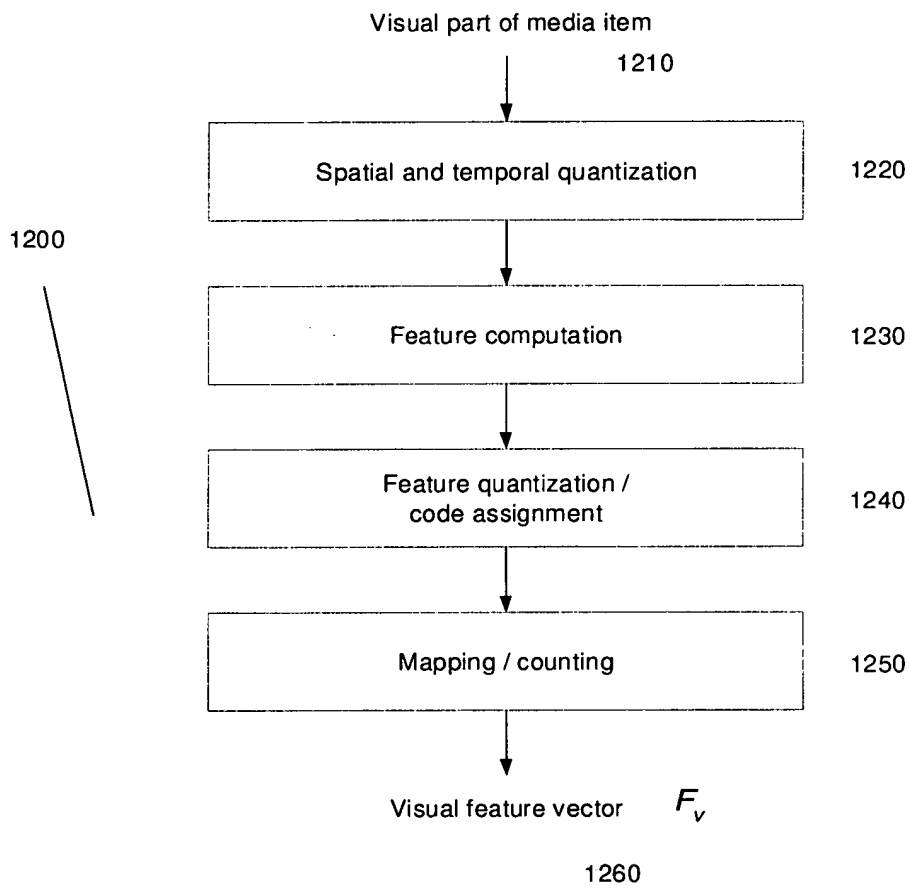


Figure 12

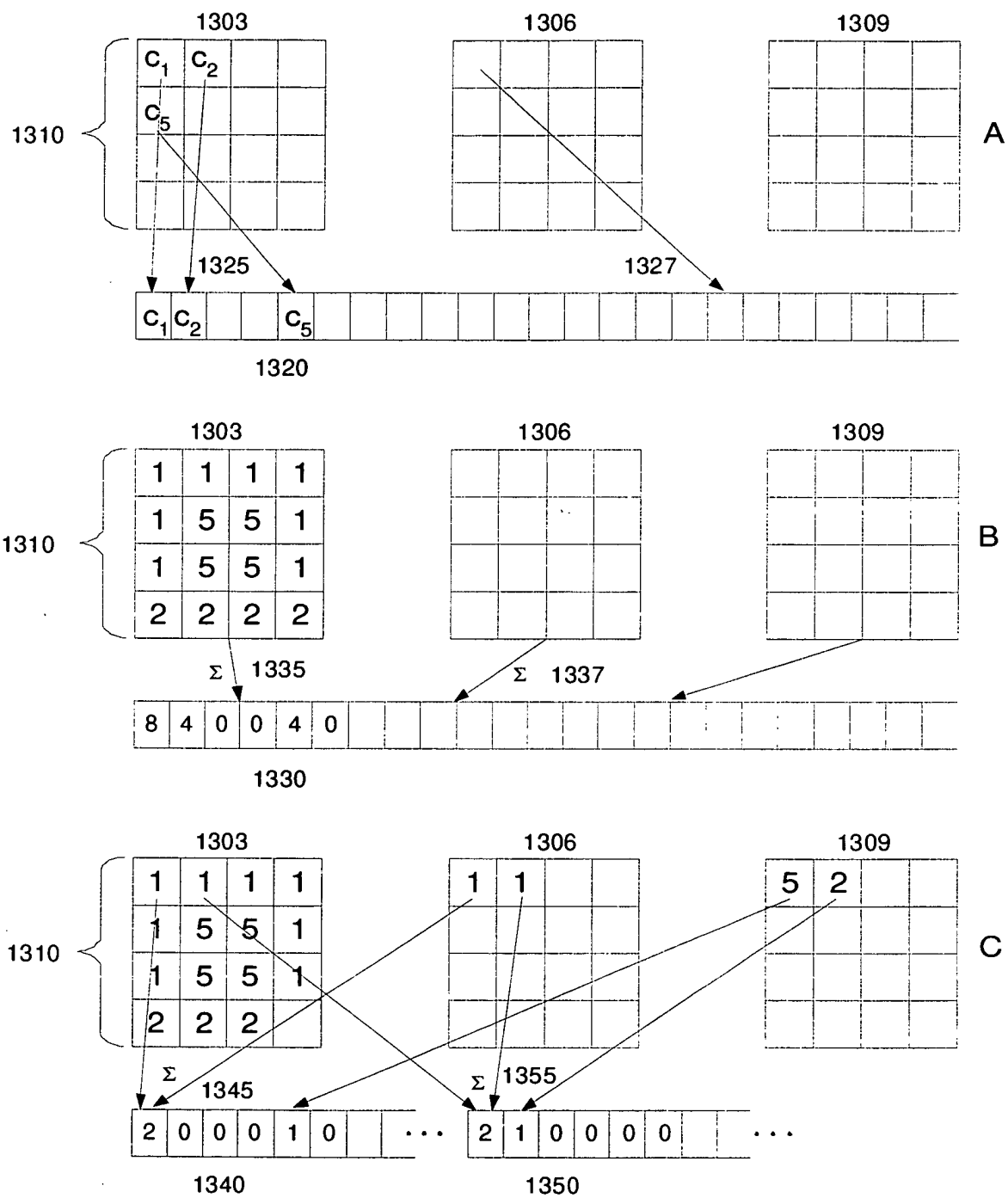


Figure 13

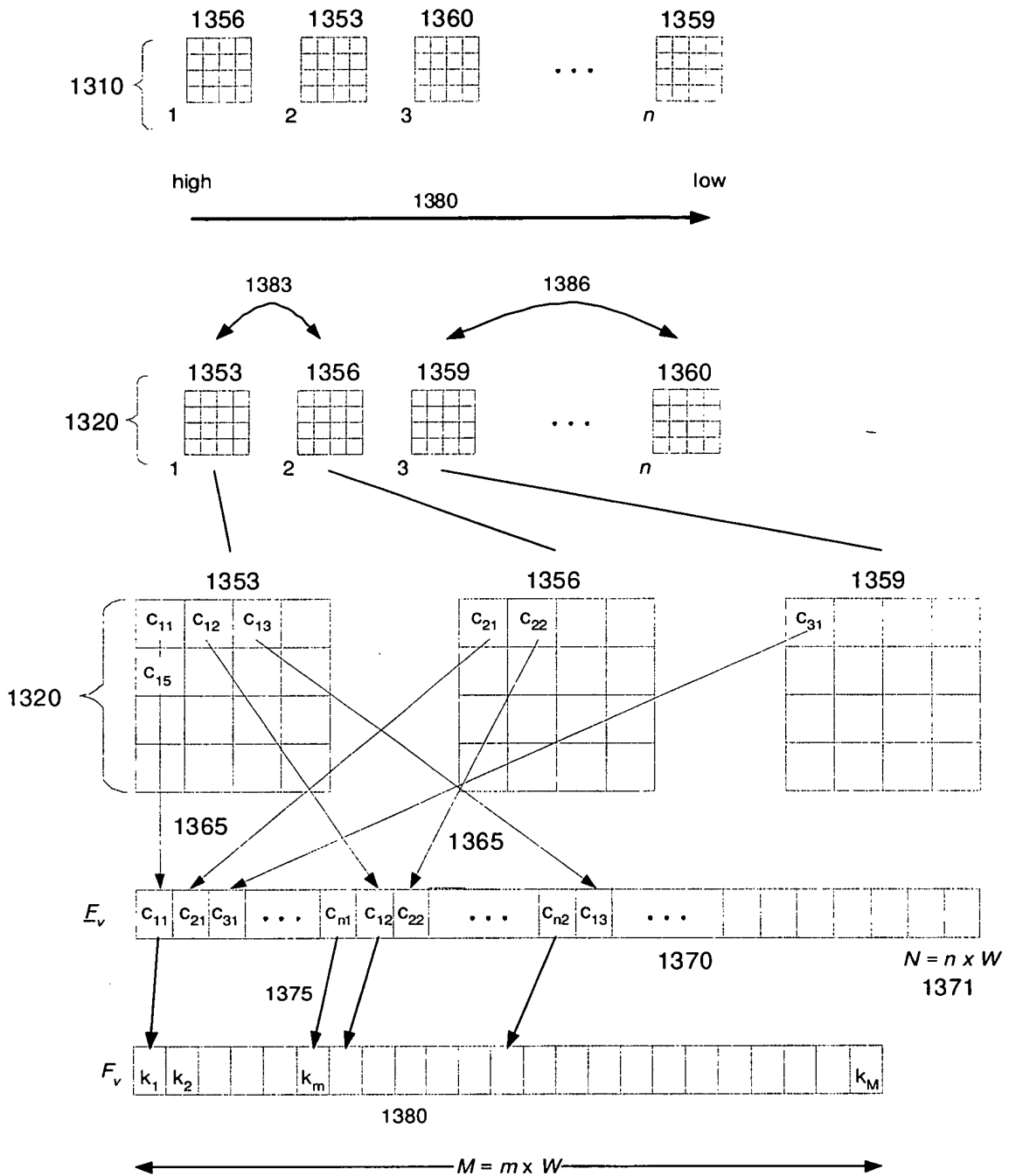


Figure 13D

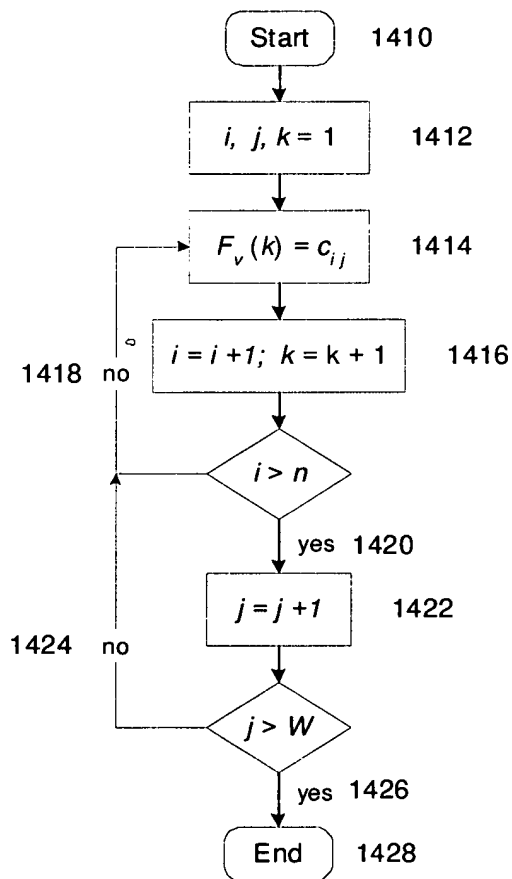
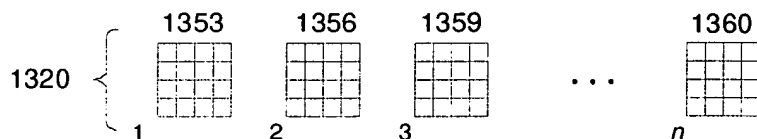
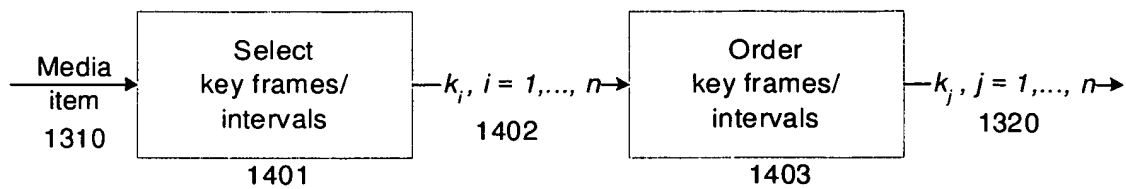
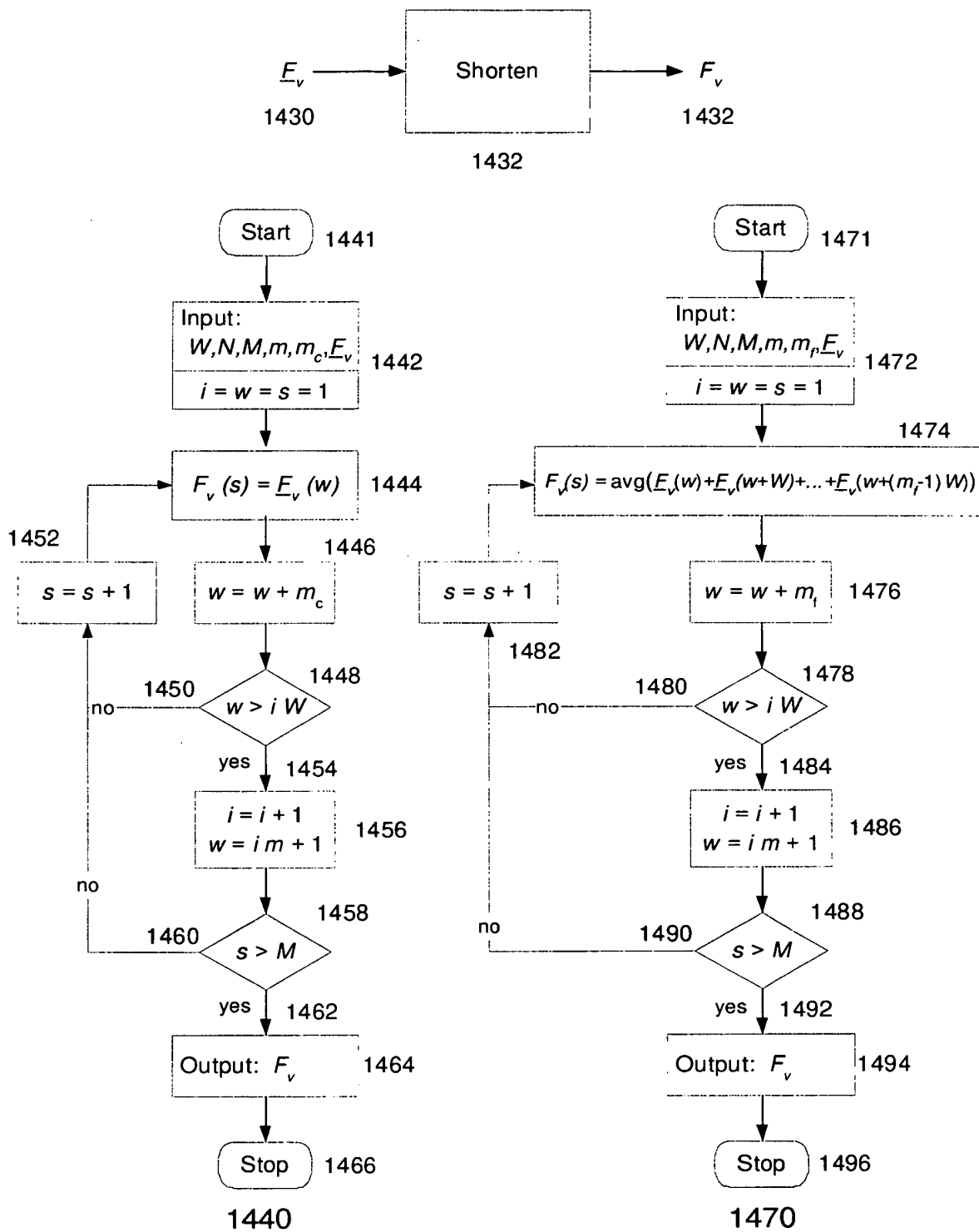


Figure 14A



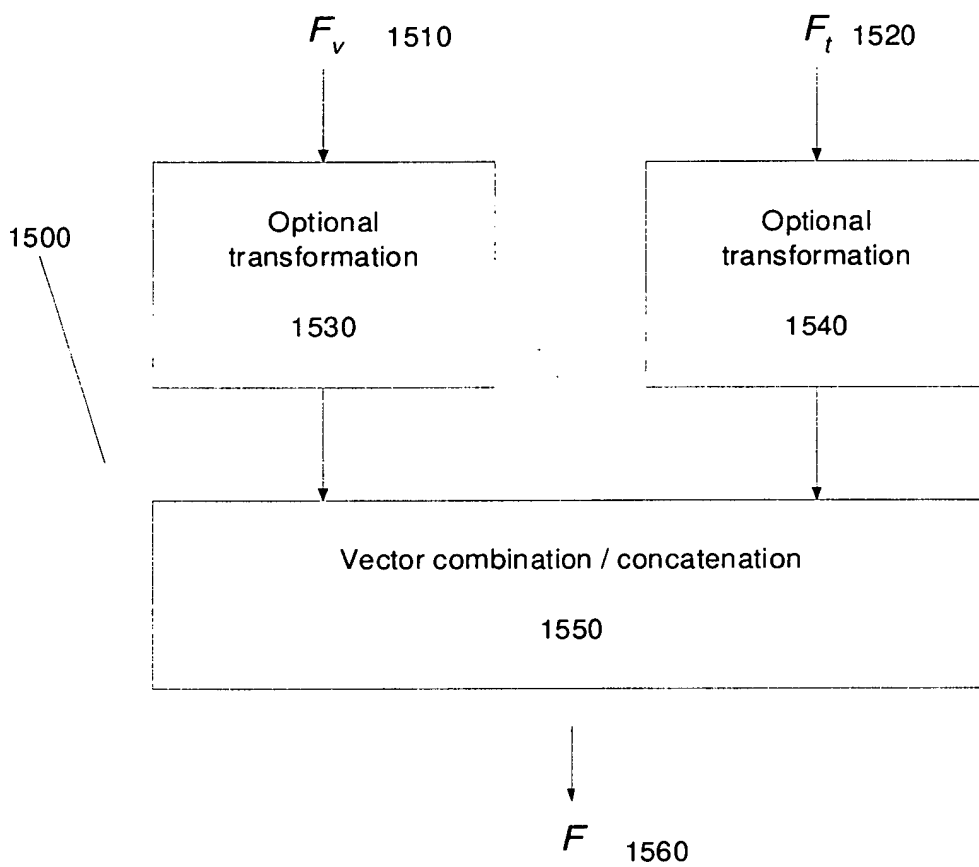


Figure 15

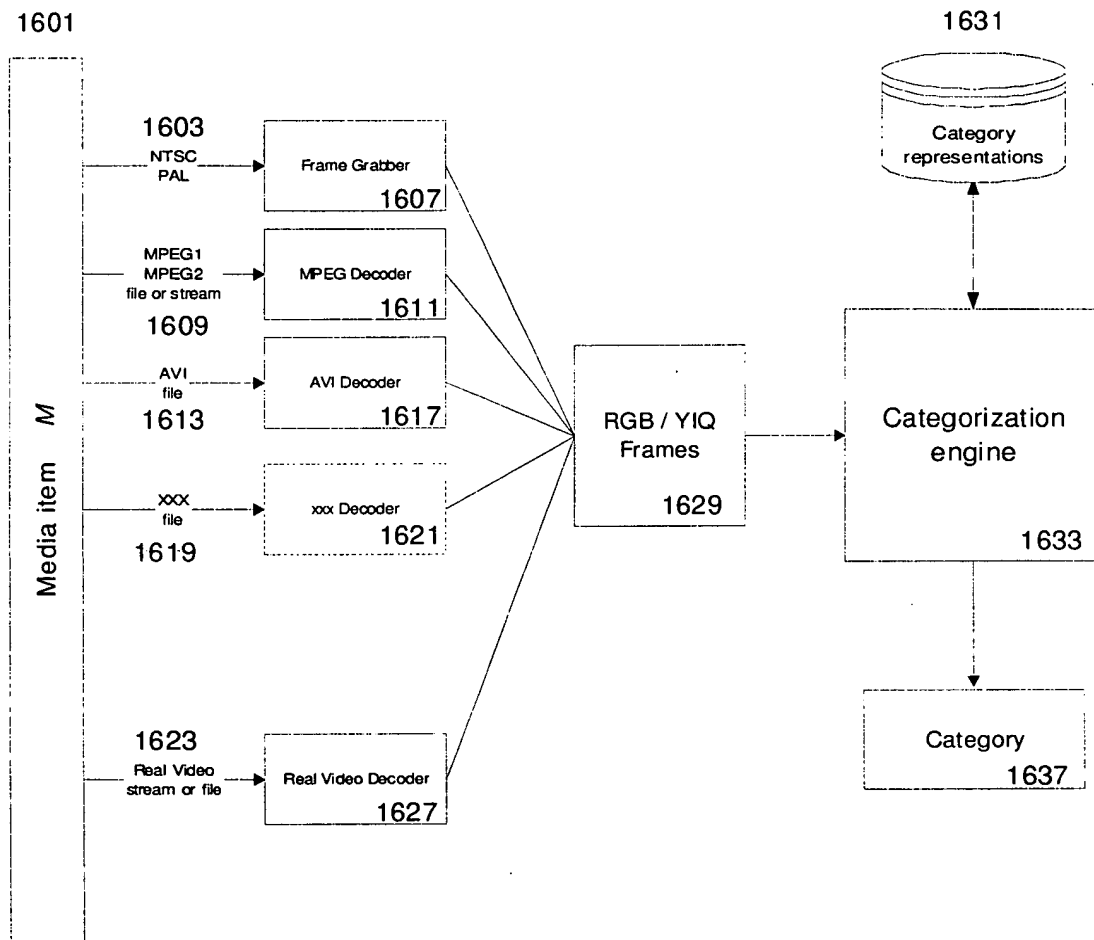
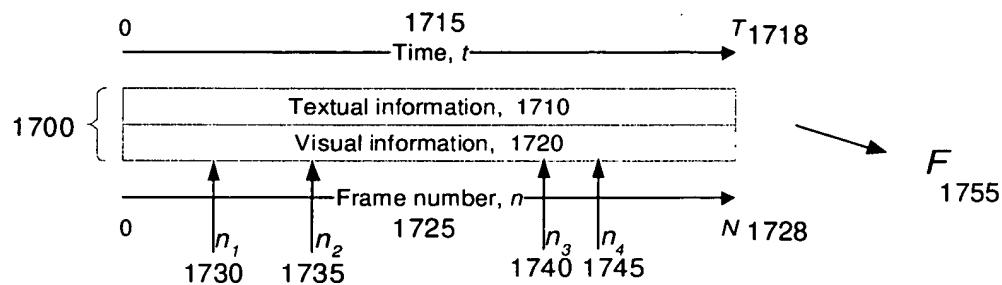
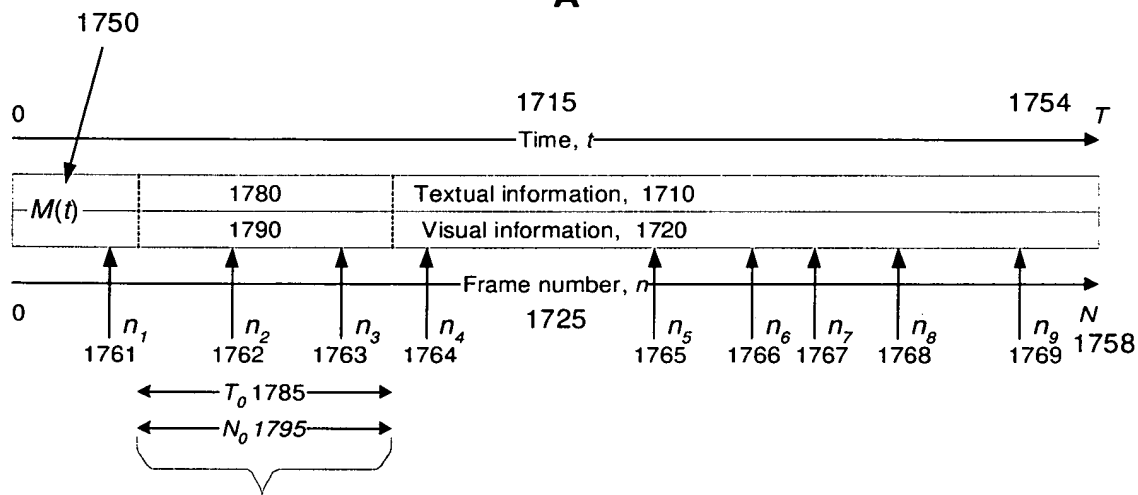


Figure 16



A

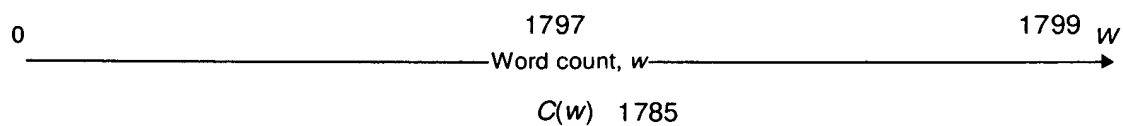


B

$F(n), F(t)$

1775

$C(n), C(t)$
1780



C

Figure 17

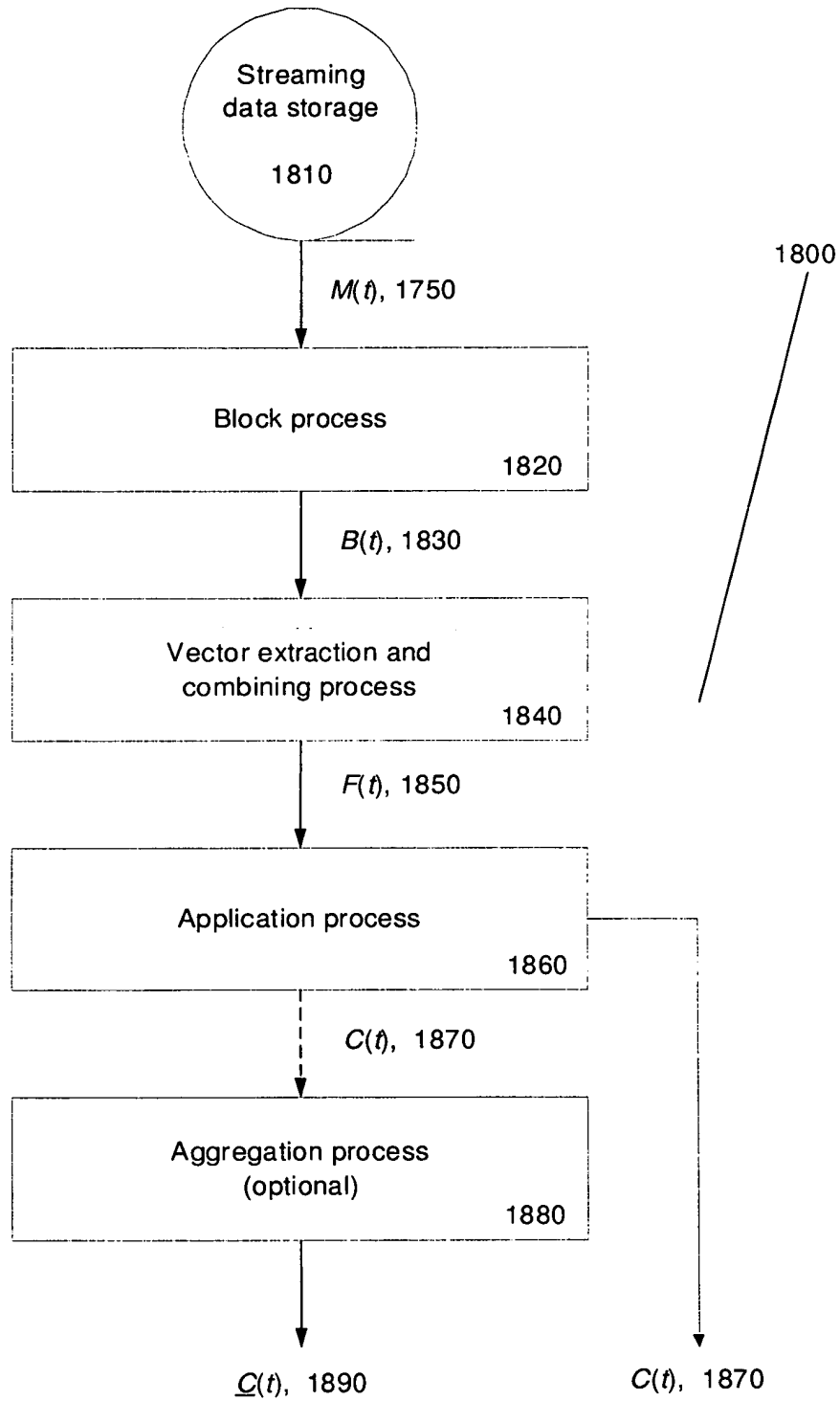
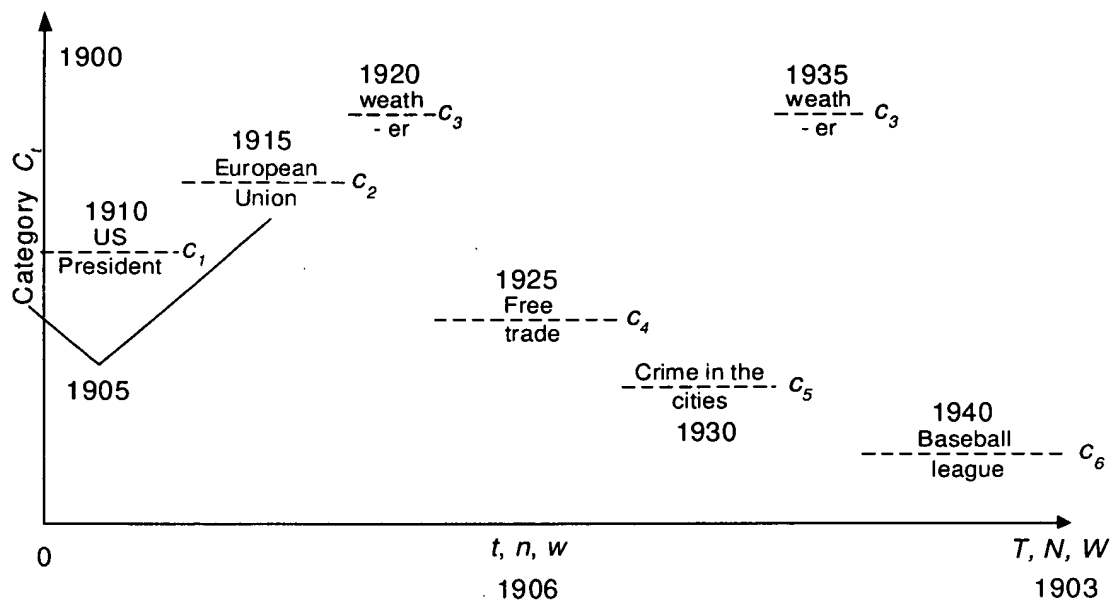
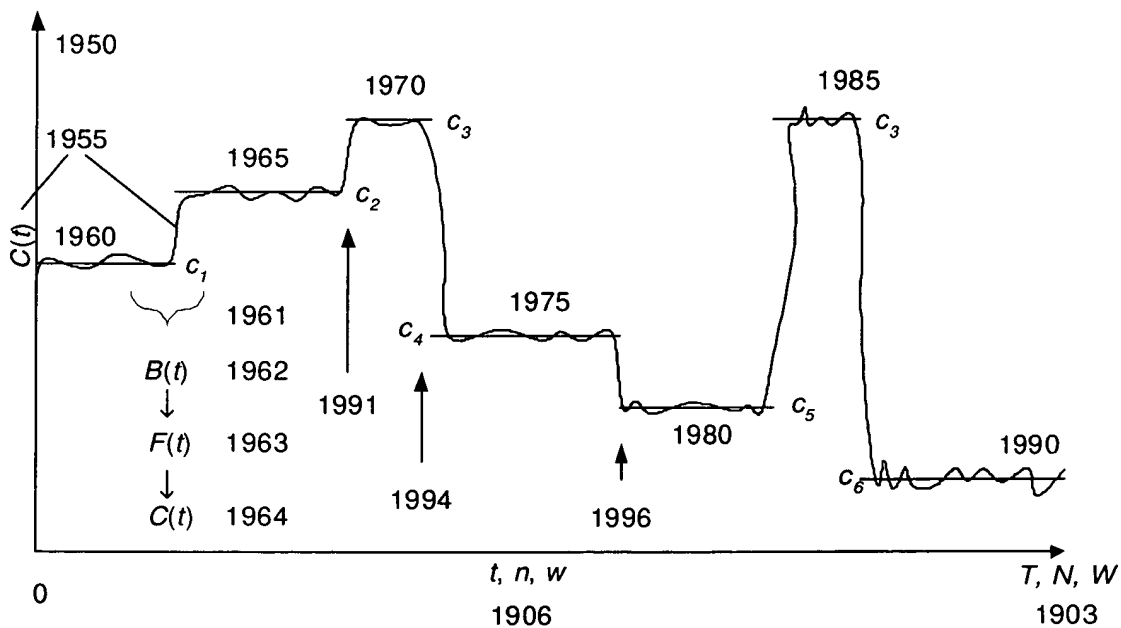


Figure 18

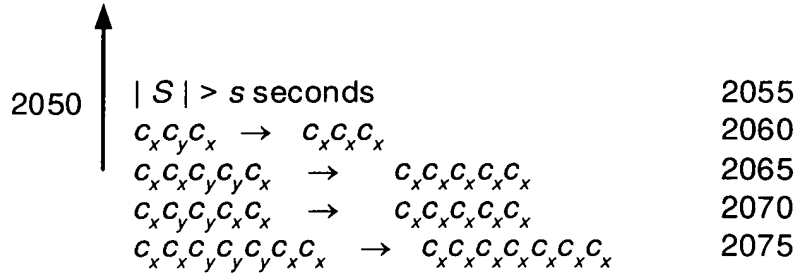
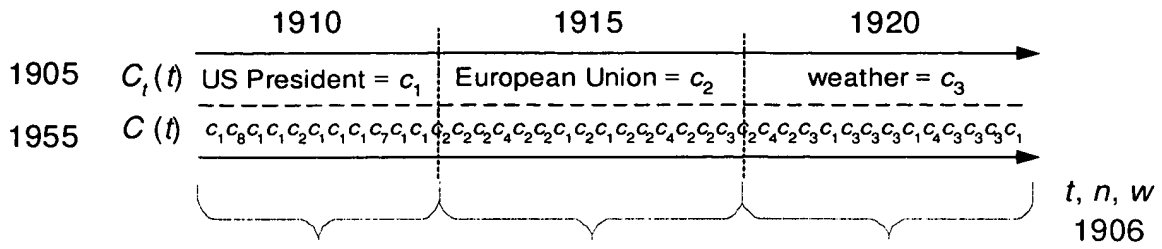


A

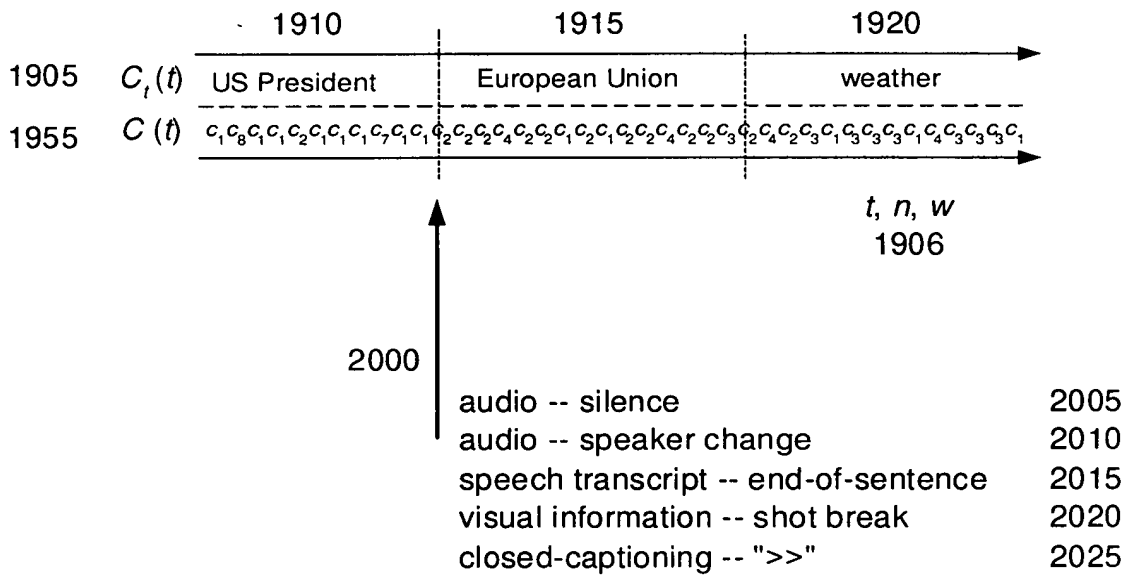


B

Figure 19



A



B

Figure 20

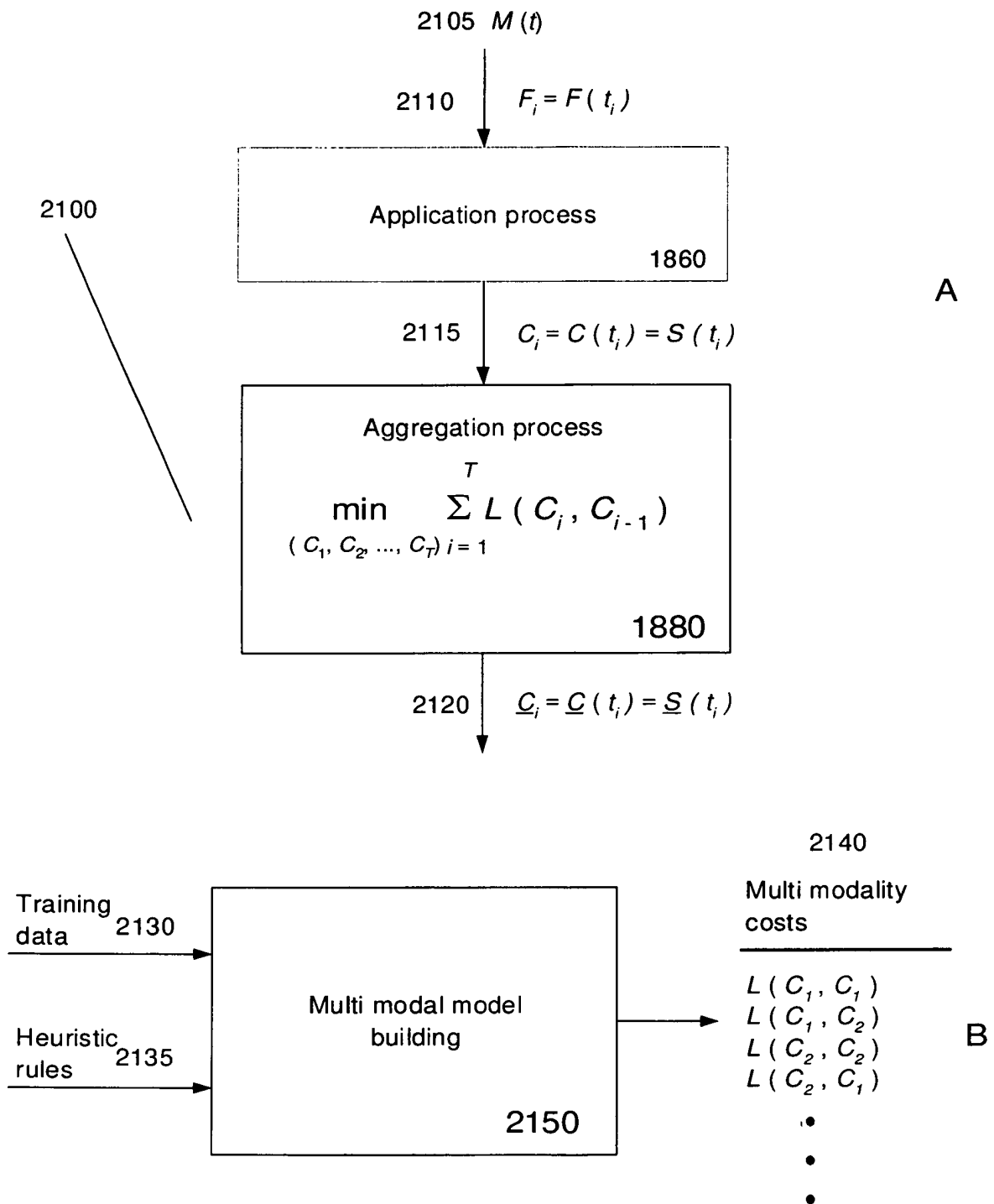


Figure 21

